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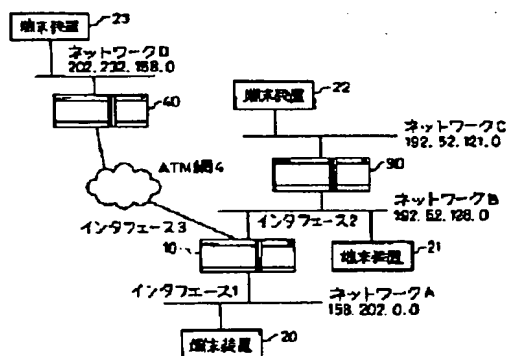
(72) Inventor: YAMAKAWA HIROYUKI
NAKAMURA MAKOTO(54) COMMUNICATION DATA PROCESSING METHOD
AND INTER-NETWORK CONNECTION DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To simplify the discrimination processing for routing.

SOLUTION: In this communication data processing method by a router 10 that applies prescribed data processing based on a destination address of received data and relays the data among networks A, B, C or D, the router 10 has separate IP addresses for routing and its own device destination and MAC addresses corresponding to them. The router 10 discriminates whether a destination MAC address of a frame received by the data link layer is for a routing or for its own device destination. In the case of the routing MAC address, the data are subject to relay processing to attain efficient discrimination processing for routing.

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